

ABSTRACT

Information about the number of traversed tracks is
acquired with a code at a first rotational speed and a second
5 rotational speed in each area provided by dividing one rotation
into m (m is a natural number equal to or larger than 1). As
to the information about the number of traversed tracks, a
difference is calculated between the areas. A value
proportionate to the sum of absolute values of the information
10 about the traversed tracks in the areas is used as a vibration
detection value proportionate to vibration amplitude.